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WHAT IS CLAIMED IS:

1. A video recording/reproducing apparatus with tuner, comprising:
a tuner for inputting a radio frequency television signal on a plurality of channels
and outputting a base-band television signal of any one of the channels;

5 a modulator for modulating the base-band television signal;
an outputter for outputting the radio frequency television signal modulated by said
modulator onto a video display with tuner;
a searcher for searching a having-no-station channel from among the channels;
a first setter for setting a frequency of the having-no-station channel to said
10 modulator; and
a presetter for presetting a having-station channel included in the channels to said
tuner after completing frequency setting to said modulator.

2. A video recording/reproducing apparatus with tuner according to claim 1,
further comprising:

15 an instructor to be enabled after completing the frequency setting to said
modulator and instruct suspension of presetting; and
a disabler for disabling said presetter in response to an instruction of said
instructor.

20 3. A video recording/reproducing apparatus with tuner according to claims 1,
wherein said searcher includes determiner to determine as to having-station/having-no-
station for predetermined channels that should have no station,
said first setter setting a frequency of any one of the predetermined channels based
on a result of determination by said determiner.

25 4. A video recording/reproducing apparatus with tuner according to claim 3,
further comprising:

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a first display for selectively displaying channel numbers of the predetermined channels at a predetermined time interval when each of the predetermined channels is not determined as having-no-station;

5 a selector for selecting any of the predetermined channels; and

 a second setter for setting a frequency of channel selected by said selector to said modulator.

10 5. A video recording/reproducing apparatus with tuner according to claim 4, further comprising second display for displaying a channel number of a frequency having been set in said modulator.

15 6. A video recording/reproducing apparatus with tuner according to claim 3, further comprising:

 a generator for generating a character signal;

 a combiner for combining the character signal with the base-band television signal; and

20 15. a third setter for selectively setting frequencies of the predetermined channels to said modulator at a predetermined time interval.

 7. A video recording/reproducing apparatus with tuner according to claim 6, further comprising a controller for controlling said generator to generate a character signal related to a frequency having been set by said third setter.

 8. A video recording/reproducing apparatus with tuner according to claim 6, further comprising a third display for displaying a channel number of a frequency having been set by said third setter.